



ASOS CONFIGURATION CONTROL BOARD (ACCB)

ACCB Meeting Minutes of October 29, 2001

I. CONVENE - 9:30 A.M.

Meeting number 34 of the ASOS Configuration Control Board (ACCB) was held on Monday, October 29, 2001, in room 16246 of the Silver Spring Metro Center #2.

Members participating:
OST1 - Rick Ahlberg (Chair)
OPS22 - Dave Mannarano
OS32 - John Bradley
OS7x1 - Tim Ross
ARS 200 - Paul Armbruster
ARU 400 - Wayne Quist
AUA 430 - Steve Imbembo
AFWA/XPPM - Jim Humphrey
OS12 - Lewis Kozlosky (Exec. Sec.)

Advisors and guests included: Rob Ericson (OS12); Al Wissman (OPS12); Bernie Fleig (OPS13); Rick Parry (OPS22); Peggy Hoch (OPS23); Ralph Buck and Giles Strickler (AOP 1000); and Bob Beatty and Cynthia Schauand (AUA 430).

II. Review of Minutes

The August 27, 2001, minutes were approved as written.

III. Review of Action Item Table

General Items:

C S01127 Compute and Display Wind Chill and Heat Index on AUX-WX Page (CRH611S A) **Revision Pending**

Lewis Kozlosky reported he contacted NWS Central Region, and they will provide a revised RC. **Action Complete**

The other action item is in progress and will be addressed at the next ACCB meeting.

IV. Items Awaiting Software Load Inclusion

Peggy Hoch noted that RC S00583 was included in V2.72, but removed from V2.78, and the status should change to pending. RC S01174 was included in V2.62w and V2.78, and the status should reflect that in the table.

Tim Ross reported that all RC in V2.71 or later will be included in V2.8. RCs S01055 and S01078 will be included in V2.79 and are being developed by the contractor. The ASOS Software Working Group (ASWG) locked V2.8 to be released for testing in January 2002. The ASWG plans to arrange for releases of new software every 6 months thereafter.

Rick Ahlberg noted the missing priorities on the table, and noted all pending RCs except S00583 should be annotated as Routine on the table.

Jim Humphrey clarified that some changes designated as urgent could not be included in V2.8 because implementation depends on deployment of the new processor.

At the request of the ACCB, Lewis Kozlosky will revise the table and attach it to the draft minutes to be distributed in two weeks.

V. Items for Decision

No items were identified for decision.

VI. RCs Processed or In Process

Lewis Kozlosky provided an RC status report of items adjudicated or received since the last meeting:

- o S00963 Move Scottsdale, AZ, Combined Sensor Group (WRH244S) **In Coordination**
- o S01063 Delete RVRNO from METAR Observations (FAA106) **Pending Revision from FAA**
- o S01127 Compute and Display Wind Chill and Heat Index on AUX Weather Page (CRH611S A) **Pending Revision from NWS Central Region**
- o S01141 ACU Processor Upgrade; Concept Exploration and Development Phases (NWS601S A) **Revision Pending**
- o S01142 All Weather Precipitation Gauge (AWPAG); Concept Exploration and Development Phases (NWS602S A) **In Preliminary Review**
- o S01143 Dewpoint Sensor Replacement; Concept Exploration and Development Phases (NWS603S A) **Revision Pending**
- o S01144 Ice Free Wind Sensor (IFW); Concept Exploration and Development Phases (NWS604S A) **In Preliminary Review**
- o S01145 Enhanced Precipitation Identifier (EPI); Concept Exploration and Development Phases (NWS605S A) **In Preliminary Review**
- o S01146 Ceilometer Replacement (25K); Concept Exploration and Development Phases (NWS606S A) **In Preliminary Review**
- o S01152 Restrict "COR" in DSM/MSMs to Post-Primary Transmissions (NWS622S) **Approved 9/7/01**
- o S01174 Code and Test Software to Provide Wind Information to WSP Sites (FAA047 D) **Approved 7/27/01; FAA May Reconsider Implementation**
- o S01178 Move OID and Remove VDU at Elko, NV (FAA156) **On Hold Pending Revision from FAA**
- o S01187 Move Mt. Holly, NJ, ACU (ERH675S) **On Hold by FAA**

- AA247 Replace Two VDUs at Portage, AK, with an OID (ARH098S) **Approved 9/7/01**
- AA287 Provide a VDU for USAF at Minot, ND (CRH720S) **Withdrawn**
- AA292 Add SPECIs to Change Thunderstorm Reporting Range Thresholds (FAA168 A) **Approved 10/17/01**
- AA297 Install Oklahoma City (ACA-1) ASOS at Trinidad, CO (FAA166) **Approved 8/28/01**
- AA315 Relocate Greenville, ME Combined Sensor Group (ERH690S) **Approved 9/13/01**
- AA323 Install Johnston Island ASOS at Lanai City, HI (PRH01-131H) **Withdrawn**
- AA324 Install Johnston Island ASOS at Naples, FL (FAA167) **Approved 9/7/01**
- AA326 Connect Teterboro, NJ ASOS to TDLS/D-ATIS (FAA170) **Approved 9/10/01**
- AA327 Move Wichita, KS OID from ATCT to AFSS (FAA171) **Approved 9/21/01**
- AA335 Move Sensor Array at Billings, MT (WRH276S) **Approved 9/13/01**
- AA342 Add UPS to DCP and ACU at Rock Springs, WY (CRH729S) **Approved 10/18/01**
- AA343 Move Alpena, MI OID (CRH732S) **Approved 9/21/01**
- AA353 Add OID at Guam International Airport (PRH01-123) **Approved 9/21/01**
- AA378 Upgrade Stillwater, OK, ASOS to Class II (FAA174) **Approved 10/12/01**
- AA379 Install Bandpass Filters at 40 LLWAS Locations (FAA176) **In Coordination**
- AA391 Replace Bloomington, IL, and Muncie, IN, VDUs with OIDs (CRH734S) **Approved 10/29/01**

- o AA410 Move Merced, CA, Sensor Group (WRH280S) **In Coordination**
- o AA415 Remove Grand Rapids, MI, OID and Printer (CRH739S) **In Coordination**
- o AA416 Move Kalispell, MT, ACU (WRH277S) **In Coordination**
- o AA419 Move Sioux Falls, SD, and Cleveland, OH, OIDs (FAA172) **In Coordination**
- o AA420 Add OID at St. Paul, MN (FAA173) **In Coordination**

VII. Items for Discussion

No items were originally identified on the Agenda for discussion.

- o Jim Humphrey requested the meeting be held on the same day as the SWG meeting, to reduce travel impacts, and the members agreed to move the meeting to Tuesday, December 11, 2001.
- o Tim Ross reported he will be working with Sharon Hall of the FAA to arrange a briefing on V2.63 to the National Air Traffic Controllers Association.

VIII. Next Meeting

The next ACCB Meeting is scheduled for Tuesday, December 11, 2001, at 9:30 A.M. in Room 12246 of the SSMC2 Building in Silver Spring, Maryland.

IX. ADJOURNED 10:55

ASOS CONFIGURATION CONTROL BOARD ACTION ITEM/IMPLEMENTATION TABLE

ITEMS WITHOUT APPROVAL DATES MAY BE ELIGIBLE FOR FINAL VOTE UPON COMPLETION OF ACTION ITEMS.
FOCAL POINTS ARE RESPONSIBLE FOR REPORTING ACTION ITEM STATUS.

CHANGE/DATE	FOCAL PT	REQUIRED ACTION	AI STATUS	DUE
S00646 CORRECTION TO ASOS PEAK WINDS (WRH109S) 7/11/95 (a)	GIFFORD	TO BE SUPERSEDED BY IFW SENSOR (S01144)	PENDING	12/01
S01127 COMPUTE AND DISPLAY WIND CHILL AND HEAT INDEX ON AUX WX PAGE (CRH611S A)	KOZLOSKY	CONTACT NWS CENTRAL REGION TO ENSURE THEY PROVIDE A REVISED RC.	COMPLETED	

Change Number	ITEMS AWAITING SOFTWARE LOAD INCLUSION	Approval Date	Approved Priority	Status
S00583 NWS328S	CAPABILITY TO TRANSMIT SAOs EARLY	4/7/97	URGENT	PENDING
S00585 NWS330S	URGENT SPECIAL OBSERVATION (USP) FOR VOLCANIC ERUPTION	7/11/94	ROUTINE	PENDING
S00629 NWS337S REV A	DRY-BULB/WET-BULB TO DEWPOINT COMPUTATION	1/9/95	ROUTINE	PENDING
S00703 APO007	SOFTWARE SUPPORT FOR ADDITIONAL ASOSs	10/2/95		IN V2.72
S00704 APO008	IMPROVE PRESENT WEATHER QUALITY CONTROL LOGIC	10/2/95		IN V2.71
S00705 APO009	TRANSMIT SPECIALS AT ANY TIME	10/2/95		IN V2.71
S00706 APO010 REV A	ADD PRECIPITATION ACCUMULATION REMARK IN ALL 5-MINUTE OBSERVATIONS WHEN PRECIPITATION IS OCCURRING	10/2/95		IN V2.71
S00707 APO011	MODIFY DAILY SUMMARY PRODUCT WEATHER CODES	10/2/95		IN V2.72
S00719 APO014	PRECIPITATION BEGIN/END REMARKS	2/12/96		IN V2.71
S00786 APO017	ELIMINATE POSSIBLE CLR AUTO ENTRY BEFORE AUGMENTED ENTRY IN SKY FIELD	10/21/96		IN V2.71
S00788 APO019A1	REMOVE ADDITIVE DATA FROM SPECIALS TRANSMITTED DURING HOURLY EDIT TIME	10/21/96		IN V2.71
S00789 APO020	GENERATE SPECIAL FOR BEGIN/END/CHANGE OF INTENSITY OF ICE PELLETS	10/21/96	ROUTINE	PENDING
S00790 APO021	CHANGE ORDER OF ENCODED REMARKS FOR BEGINNING AND ENDING TIME OF THUNDERSTORMS	10/21/96		IN V2.71
S00791 APO022A1	DISPLAYING AND VOICING ALL VALUES OF DENSITY ALTITUDE	10/21/96		IN V2.71

Change Number	ITEMS AWAITING SOFTWARE LOAD INCLUSION	Approval Date	Approved Priority	Status
S00810 APO025	CHANGE EDIT WINDOW FOR CLIMATOLOGICAL PRODUCTS	11/25/96	ROUTINE	PENDING
S00815 APO030A1	SEPARATE REPORT PROCESSING CONTROL FOR EACH SENSOR	11/25/96		IN V2.71
S00830 APO034	REPORT MULTIPLE "FEW" LAYERS IN SKY FIELD	1/6/97		IN V2.71
S00836 APO036	QC ERROR MESSAGE FOR DEW POINT WITH MISSING AMBIENT TEMPERATURE	2/24/97		IN V2.71
S00837 APO037S	REVISE VDU DISPLAY FORMAT FOR TEMP/DEWPOINT	2/24/97		IN V2.71
S00847 APO039	COMPUTE MINUTES OF SUN AT LATITUDES GREATER THAN 60 DEGREES	4/7/97		IN V2.72
S00848 APO040	GTA BROADCAST AFTER A CORRECTED REPORT IS GENERATED	4/7/97	ROUTINE	PENDING
S00874 FAA039	DISPLAY LAST TRANSMITTED METAR/SPECI REPORT	7/16/97		IN V2.71
S00898 APO041	INCREASED HALF-HOURLY CLOUD STATISTICS	8/11/97	ROUTINE	PENDING
S00914 NWS448S	MANUAL ENTRY OF 000 IN THE SKY CONDITION FIELD	12/15/97		IN V2.71
S00955 F113F	AUTOBALANCE ENHANCEMENTS - IMPROVED PERFORMANCE AT HIGH/LOW AMBIENT TEMPERATURES	5/8/98	ROUTINE	PENDING
S00967 APO0043	VALIDATION OF PRECIPITATION ACCUMULATION	11/30/98		IN V2.72

Change Number	ITEMS AWAITING SOFTWARE LOAD INCLUSION	Approval Date	Approved Priority	Status
S00972 APO044	REMOVE SAO LOGIC FROM ACU SOFTWARE	6/15/98		IN V2.71
S00983 APO045	CURSOR CONTROL DURING CORRECTION EDIT	6/15/98		IN V2.71
S00994 APO046	PRECIPITATION ACCUMULATION ALGORITHM; ENSURE TRACE REPORTING IN FIRST MINUTE	11/2/98	ROUTINE	PENDING
S01005 APO047	NEGATIVE PRESSURE REDUCTION CONSTANTS	11/30/98		IN V2.72
S01016 APO048AA1	MODIFICATION TO WIND DATA QUALITY ALGORITHM	11/30/98		IN V2.72
S01018 FAA047A	CONNECT WSP AND REPORT 10s WINDS	3/29/00		IN V2.78
S01045 NWS487S	CORRECT TRANSMISSION LOGIC FOR DSM/MSM "COR"	6/29/00		IN V2.72
SO1050 NWS488S	EDIT SUNSHINE DATA IN MONTHLY SUMMARY PRODUCT	6/21/99	ROUTINE	PENDING
S01055 NWS489S	ADAPTIVE BASELINE FREQUENCY FOR ZR SENSOR	6/21/99	ROUTINE	IN V2.79
S01057 NWS493S	ADD SUNSHINE SENSOR TO ASOS	5/15/99	ROUTINE	PENDING
S01078 NWS499S A	INCLUDE TEMPERATURE AND DEWPOINT REMARK IN ALL OBS	3/13/00	ROUTINE	IN V2.79

Change Number	ITEMS AWAITING SOFTWARE LOAD INCLUSION	Approval Date	Approved Priority	Status
S01079 NWS501S	PROVIDE ICE ACCRETION INFORMATION VIA DIRECT COMMAND MODE ACCESS	11/4/99	URGENT (ORIGLY "EMERG")	IN V2.62I
S01105 NWS528S	CHANGE DAILY SUMMARY PRODUCT SKY COVER LABELS	3/13/00	ROUTINE	PENDING
S01106 NWS529S	IMPROVE CHANGE OF TIME SYSLOG ENTRY	3/13/00	ROUTINE	PENDING
S01107 NWS533S	PREVENT USE OF SENSOR DATA WHEN REPORT PROCESSING IS TURNED OFF	3/13/00	ROUTINE	PENDING
S01109 NWS535S	STORE DATA THAT TRIGGER DATA QUALITY ERRORS (DQE) IN BRACKETS	3/13/00	ROUTINE	PENDING
S01110 APO043C	VALIDATION OF PRECIPITATION ACCUMULATION; REVISED ALGORITHM	5/22/00	URGENT	IN V2.76
S01113 NWS548S	ADD "LST" LABEL TO DATE FIELD ON THE PHYSICAL AND OID SCREENS	5/24/00	ROUTINE	PENDING
S01117 NWS553SA	ADD 5-S WIND VALUES TO WHEN DQ ERRORS OCCUR (V. 2.6C)	4/17/00	URGENT	PENDING
S01124 NWS574S	INCREASE LOCAL SENSOR PORTS TO SUPPORT SOFTWARE TESTING	5/18/00	ROUTINE	PENDING
S01125 NWS579S	ELIMINATE UNNECESSARY OID FUNCTION CALLS	5/18/00	URGENT	IN V2.77
S01126 NWS485SA	ADD ICE ACCRETION REMARK TO METAR/SPECI REPORTS	5/18/00	URGENT	IN V2.77

Change Number	ITEMS AWAITING SOFTWARE LOAD INCLUSION	Approval Date	Approved Priority	Status
S01133 CRH677S	PROVIDE AUTOMATED OPTION FOR CHANGES BETWEEN STANDARD AND DAYLIGHT TIMES FOR DSM	8/15/00	ROUTINE	PENDING
S01174 FAA047D	ELIM WARM STARTS FROM CORRUPTED ALDARS DATA AT ADAS SITES FOR WSP (INCLUDES VRB AND 2 CHAR CHGS)	7/27/01	ROUTINE	IN 2.62W
S01191 NWS675SB	ESTABLISH ASOS CONNECTIVITY TO THE INTERNET	8/9/01	ROUTINE	PENDING
AA292 FAA168 A	CHANGE THUNDERSTORM REPORTING THRESHOLD FOR SPECIS	10/17/01	URGENT	PENDING